

Amendments to the Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A [D]isposable module [(31)] for purifying a fluid, in particular water, adapted to form part of a fluid purification system and comprising a fluid purification means [(25,28)], a housing [(35)] in which the purification means are housed, and a means for removably connecting the purification module [(31)] to the purification system to establish fluid communication between the purification system and the purification module [(31)], characterized in that the housing [(35)] contains from the outset a cleaning agent [(36)] disposed to come into contact with the fluid caused to circulate inside the housing [(35)] to clean at least a portion of the purification system.
2. (Currently Amended) The [M]odule according to claim 1, [characterized] wherein [that] the housing may not be demounted.
3. (Currently Amended) The [M]odule according to claim 1 [or claim 2, characterized in that] wherein the cleaning agent is disposed at a location selected from the group consisting of between an inlet for fluid to be treated formed in the housing and the purification means or between the [latter]purification means and a purified fluid outlet formed in the housing.
4. (Currently Amended) The [M]odule according to [any of claims 1 to 3, characterized in that] claim 1 wherein the cleaning agent is housed in a space [created for this purpose] in the housing[, in particular a recess in a raised portion of the housing].
5. (Currently Amended) The [M]odule according to [any of claims 1 to 3, characterized in that] claim 1 wherein the cleaning agent is housed in a space delimited by a retaining means for the cleaning agent[preferably taking the form of a cage, in particular an added cage].
6. (Currently Amended) The mModule according to [any of claims 1 to 5, characterized in that] claim 1 wherein the housing contains a tangential filtration purification means, selected from the group consisting of [in particular purification means employing] reverse osmosis, nanofiltration, ultrafiltration or microfiltration.
7. (Currently Amended) The [M]odule according to [any of claims 1 to 6, characterized in that] claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means[, where applicable tangential filtration purification processing means,] and the cleaning agent is disposed at a location selected from the group consisting of

between the pretreatment means and the purification treatment means or between the [latter]purification treatment means and a purified fluid outlet formed in the housing.

8. (Currently Amended) The [M]module according to [claim 7, characterized in that]claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means, the pretreatment means [~~are~~] is selected from the group comprising ion exchanger activated supports, [~~or~~] ion exchanger activated resins, activated charcoal, chlorine reduction agents, [~~in particular alloys such as copper zinc formulations,~~] front filtration members, tartar formation reduction agents[~~, in particular polyphosphates,~~] and combinations of the above.
9. (Currently Amended) The [M]module according to [any of claims 1 to 8, characterized in that]claim 1 wherein the cleaning agent comprises a chemical compound or an association of chemical compounds for destroying a biofilm and/or having a bactericidal effect and/or for eliminating organic and/or mineral soiling.
10. (Currently Amended) The [M]module according to [any of claims 1 to 9, characterized in that]claim 1 wherein the cleaning agent [~~takes the~~]is in a form selected from the group consisting of [a] powder, crystals, granules, [a] tablets, [~~possibly coating or where applicable constituting the content of~~] capsules, or sachets [~~dissolving or splitting in contact with the fluid, or in the form of a liquid constituting the content of an enclosure that splits in contact with the fluid.~~]
11. (Currently Amended) The [M]module according to [any of claims 1 to 10, characterized in that]claim 1 wherein the cleaning agent is selected from the group consisting of a chlorinated product, an organochlorinated product, an oxidizing product, an acid, a base or a disinfectant solution.
12. (Currently Amended) The [M]module according to claim 1[4, characterized in that]wherein the cleaning agent is selected from the group consisting of bleach, a chloramine, hypochloric acid, hypochlorous acid, citric acid, tartaric acid, acetic acid, perchloric acid, [~~or~~]peracetic acid[~~,~~]and a salts thereof, [~~one of the above acids~~], sodium hydroxide, potassium hydroxide, potassium permanganate, potassium dichromate, [~~or a disinfectant solution containing~~] a solution of hydrogen peroxide and peracetic acid, or organic complexes containing silver salts.
13. (Currently Amended) The [M]module according to [any of claims 1 to 12, characterized in that]claim 1 wherein the housing includes a means for identification of the module by the fluid purification system.
14. (Currently Amended) A [S]system for purifying a fluid comprising at least one fluid purification module as defined in [any of] claim[s] 1[+ to 13].

15. (Currently Amended) A [M]method of fabricating a disposable fluid purification module according to [any of claims 1 to 13] claim 1, [including comprising] the mounting of purification means in a housing, [characterized in that it further includes] placing a cleaning agent inside the housing [before] and closing [it] the housing.
16. (Currently Amended) A [M]method of cleaning at least a portion of a fluid purification system[; characterized in that it includes] comprising the steps of connecting a disposable fluid purification module [as defined in any of claim[s] 1[to 13] to a[the] fluid purification system and then starting a system cleaning procedure], where applicable starting said cleaning procedure automatically following identification of the module by the system by means of the identification means.
17. (New) The module of claim 1 wherein the cleaning agent is housed in a recess in a raised portion of the housing.
18. (New) The module according to claim 1 wherein the cleaning agent is housed in a space delimited by a cage for the cleaning agent.
19. (New) The module according to claim 1 wherein the housing contains a fluid purification pretreatment means upstream of the purification processing means, a tangential filtration purification processing means and the cleaning agent is disposed at a location selected from the group consisting of between the pretreatment means and the purification treatment means or between the tangential filtration purification processing means and a purified fluid outlet formed in the housing.
- 19.20. (New) A method of cleaning at least a portion of a fluid purification system comprising providing a fluid purification system, connecting a disposable fluid purification module to the fluid purification system, the module comprising a fluid purification means,, a housing in which the purification means are housed, and a means for removably connecting the purification module to the purification system to establish fluid communication between the purification system and the purification module, the housing contains a cleaning agent disposed to come into contact with the fluid caused to circulate inside the housing to clean at least a portion of the purification system, the housing further contains a means for identification of the module, the fluid purification system contains a means for reading the means for identification of the module and starting a system cleaning procedure for the fluid purification system following identification of the module by the fluid purification system.